

# SEARCH REQUEST FORM

47

Requestor's

Name: VINH T. LUONG

Serial

Number: 08/629,547 REISSUE

Date: 7/27/99

Phone: 308 3221

Art Unit: 3682

## Search Topic:

Please write a detailed statement of search topic. Describe specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples or relevant citations, authors, keywords, etc., if known. For sequences, please attach a copy of the sequence. You may include a copy of the broadest and/or most relevant claim(s).

Please do litigation search for:  
U.S. Patent No. 5,465,635  
Thank you

## STAFF USE ONLY

Date completed: 7-28-99  
Searcher: LVE  
Terminal time: 25  
Elapsed time: \_\_\_\_\_  
CPU time: \_\_\_\_\_  
Total time: 30  
Number of Searches: \_\_\_\_\_  
Number of Databases: 6

### Search Site

ERIC

\_\_\_\_\_ CM-1

\_\_\_\_\_ Pre-S

### Type of Search

\_\_\_\_\_ N.A. Sequence

\_\_\_\_\_ A.A. Sequence

\_\_\_\_\_ Structure

\_\_\_\_\_ Bibliographic

### Vendors

\_\_\_\_\_ IG

\_\_\_\_\_ STN

X Dialog

\_\_\_\_\_ APS

\_\_\_\_\_ Geninfo

\_\_\_\_\_ SDC

X DARC/Questel

X Other Lexis

Please ENTER the NAME (only one) the library you want to search.  
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NAME	PG	NAME	PG	NAME	PG	NAME	PG	NAME	PG	NAME	PG	NAME	PG
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GENFED	1	ALR	2	LAWREV	3	DRI	2	ASSETS	4	LICNSE	5	INVEST	7
STATES	1	ABA	2	MARHUB	3	PLI	2	DOCKET	4	LIENS	5	NAARS	7
CODES	1	CAREER	2	LEXREF	3			FINDER	4	NON-US	5		
CITES	1	CLE	2	HOTTOP	3			INCORP	4	P-PROP	5		
LEGIS	1			FORMS	3			INSOLV	5	VERDCT	5		

-----Area of Law----- Medical													
ACCTG	8	CORP	9	ESTATE	9	HEALTH	11	LABOR	11	PUBCON	12	TAXRIA	13
ADMRTY	8	COPYRT	8	ETHICS	10	HR	10	LEXPAT	12	PUBHW	13	TELCOM	10
ADR	8	CRIME	9	FAMILY	10	IMMIG	11	M&A	12	REALTY	13	TORTS	14
BANKNG	8	CYBRLW	9	FEDSEC	10	INSURE	11	MILTRY	12	STSEC	13	TRADE	14
BKRTCY	8	ENERGY	9	FEDTAX	10	INTLAW	11	PATENT	12	STTAX	13	TRANS	14
CONLAW	8	ENVIRN	9			ITRADE	11	PENBEN	12	TAXANA	13	TRDMRK	14
						K-LAW	11					UCC	14

Enter .NP for Individual States, International Law and more News information

Please ENTER the NAME of the file you want to search. To see a description of a file, type its page number and press the ENTER key.

FILES - PAGE 1 of 6 (NEXT PAGE for additional files)

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---CASES & ADMINISTRATIVE DECISIONS---

IPOMNI 1 Int Prop Cases & Reg Matl  
PTOMNI 1 FEDCTS, PTO, ITC, ALLREG  
CASES 1 FEDCTS, PTO & ITC  
FEDCTS 2 Patent cases from Fed. Cts.  
CCPA 2 Ct Customs & Patent Appeals  
CAFC 2 Patent cases from Fed. Cir.  
PTO 2 PATAPP & COMMR

-----SECONDARY SOURCES-----

CHISUM 5 Chisum on Patents  
MPEP 5 Manual of Patent Exam Proc  
PTORUL 5 Patent Office Rules  
MILGRM 5 Milgrim on Trade Secrets  
IPLTR 5 Intell Prop Law Nwltrs  
IPLR 5 Intell Prop Law Rev Articles

\* Selected coverage 1/15/71 to 12/3/74

-----PATENTS-----

ALL 4 UTIL, DESIGN, PLANT, SIR,  
REEEXAM & REISS  
UTIL 4 Full Text Patents from 1971\*  
DESIGN 4 Full Text Patents from 1976  
PLANT 4 Full Text Patents from 1976  
REEEXAM 4 Reexamination Certificates  
REISS 4 Reissue Patents  
SIR 4 Defensive Publications  
ASSIGN 4 Assignee  
ABSTCL 4 Abstracts & Claims

LEVEL 1 - 1 OF 1 PATENT

5,465,635

<=2> GET 1st DRAWING SHEET OF 4

Nov. 14, 1995

Crankshaft assembly for internal combustion engine

REISSUE: Reissue Application filed Apr. 9, 1996 (O.G. Jun. 18, 1996) Ex. Gp.:  
3502; Re. S.N. 08/629,547

CORE TERMS: elastic, flywheel, axial, crankshaft, clutch, vibration, rigidity,  
reinforcing, engine, radial...

Please ENTER the NAME of the file you want to search. To see a description of a file, type its page number and press the ENTER key.

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---CASES & ADMINISTRATIVE DECISIONS---

IPOMNI 1 Int Prop Cases & Reg Matl  
PTOMNI 1 FEDCTS, PTO, ITC, ALLREG  
CASES 1 FEDCTS, PTO & ITC  
FEDCTS 2 Patent cases from Fed. Cts.  
CCPA 2 Ct Customs & Patent Appeals  
CAFC 2 Patent cases from Fed. Cir.  
PTO 2 PATAPP & COMMR

-----SECONDARY SOURCES-----

CHISUM 5 Chisum on Patents  
MPEP 5 Manual of Patent Exam Proc  
PTORUL 5 Patent Office Rules  
MILGRM 5 Milgrim on Trade Secrets  
IPLTR 5 Intell Prop Law Nwltrs  
IPLR 5 Intell Prop Law Rev Articles

\* Selected coverage 1/15/71 to 12/3/74

-----PATENTS-----

ALL 4 UTIL, DESIGN, PLANT, SIR,  
REEEXAM & REISS  
UTIL 4 Full Text Patents from 1971\*  
DESIGN 4 Full Text Patents from 1976  
PLANT 4 Full Text Patents from 1976  
REEEXAM 4 Reexamination Certificates  
REISS 4 Reissue Patents  
SIR 4 Defensive Publications  
ASSIGN 4 Assignee  
ABSTCL 4 Abstracts & Claims

5,465,635 OR 5465635

Your search request has found no CASES.

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-----PRIOR ART RESEARCH FILES-----

PUBS 7 Group file of these Journals:  
COMM 8 Communications Journals  
CMPTRS 9 Computers Journals  
ELTRNC 10 Electronics Journals  
TECHNY 11 Technology Journals  
TRANS 12 Transportation Journals  
ENERGY 13 Energy Journals

-----INTERNATIONAL MATERIALS-----

CUSINF 5 Customs Administ. Rulings  
ITC 5 International Trade Comm  
Rulings Series 337 & 731  
TREATY 5 Intell Property treaties  
CPR 5 Can. Patent Rprt.

-----PATENT LAW PERIODICALS-----

AIPLA 6 AIPLA Quarterly Journal  
PTCLAW 6 Sec. of Intel. Prop. Law  
Property Law  
HRVTEC 6 Harvard University Journal  
of Law & Technology  
LAWTEC 6 Journal of Law & Technology  
JNLS 6 Combined AIPLA, PTCLAW  
HRVTEC & LAWTEC  
MHINTP 6 Martindale IP Listings  
IPMAG 6 Intellect Prop  
IPTDAY 6 Intellectual Property Today  
IPWW 7 IP Worldwide  
PATENT 6 Mar-Hub Pat. & TM Listings

GUIDE 14 LEXIS(R) Product Guide

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5,465,635 OR 5465635

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-----General Legal----- Publisher --Public Records--- Financial --News--													
MEGA	1	2NDARY	2	LITGAT	2	MATBEN	2	ALLREC	4	LEXDOC	5	COMPNY	7
GENFED	1	ALR	2	LAWREV	3	DRI	2	ASSETS	4	LICNSE	5	INVEST	7
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LEGIS	1			FORMS	3			INSOLV	5	VERDCT	5		

-----Area of Law----- Medical													
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----- T H E   N E W S   L I B R A R Y -----								
-- Full-Text Group Files --			--- Full-Text By Type ---			- Full Text By Region -		
TODAY	1	Today's News	MAGS	3	Magazines	-- Papers & Wires --		
90DAYS	1	Last 90 days	MAJPAP	3	Major Papers	NON-US	1	English Non-US
CURNWS	1	Last 2 years	NWLTRS	3	Newsletters	US	1	US News
ARCNWS	1	Beyond 2 years	PAPERS	3	Newspapers	-- US Sources --		
ALLNWS	1	All News Files	SCRIPT	3	Transcripts	MWEST	3	Midwest
			WIRES	3	Wires	NEAST	3	Northeast
-- Group File Exclusions --			----- Hot Files -----			SEAST	3	Southeast
ALLABS	4	All Abstracts	HOTTOP	2	Hot Topics *	WEST	3	West
NONENG	1	Non-English News	Y2KNWS	2	Year 2000 Nws*	----- Assists -----		
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Welcome to DIALOG

File 345:Inpadoc/Fam.& Legal Stat 1999/UD=9928  
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Set Items Description

? e pn=us 5465635

Ref	Items	Index-term
E1	1	*PN=US 5465635
E2	1	PN=US 5465636
E3	1	PN=US 5465637
E4	1	PN=US 5465638
E5	1	PN=US 5465639
E6	1	PN=US 5465640
E7	1	PN=US 5465641
E8	1	PN=US 5465642
E9	1	PN=US 5465643
E10	1	PN=US 5465644
E11	1	PN=US 5465645
E12	1	PN=US 5465646

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S1 1 PN="US 5465635"  
? t 1/39/1

1/39/1

DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat  
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9443840

Basic Patent (No,Kind,Date): EP 385752 A2 900905 <No. of Patents: 008>

Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date
DE 69012609	C0	941027	DE 69012609	A	900228
DE 69012609	T2	950420	DE 69012609	A	900228
EP 385752	A2	900905	EP 90302136	A	900228 (BASIC)
EP 385752	A3	911002	EP 90302136	A	900228
EP 385752	B1	940921	EP 90302136	A	900228
JP 2229939	A2	900912	JP 8948816	A	890228
JP 2229941	A2	900912	JP 8948817	A	890228
US 5465635	A	951114	US 243526	A	940516

Priority Data (No,Kind,Date):

JP 8948816	A	890228
JP 8948817	A	890228
US 243526	A	940516
US 485659	B1	900227

PATENT FAMILY:

GERMANY (DE)

Patent (No,Kind,Date): DE 69012609 C0 941027

SCHWUNGRADANORDNUNG FUER EINEN VERBRENNUNGSMOTOR. (German)

Patent Assignee: ATSUGI UNISIA CORP (JP)

Author (Inventor): KONO SATOSHI (JP); HIDAKA SHIZUAKI (JP);  
TAKAHASHI TETSU (JP)

Priority (No,Kind,Date): JP 8948816 A 890228; JP 8948817 A  
890228

Applic (No,Kind,Date): DE 69012609 A 900228

IPC: \* F16F-015/12; F16D-013/70; F16F-015/30

Derwent WPI Acc No: \* G 90-269723

JAPIO Reference No: \* 140540M000165

Language of Document: German

Patent (No,Kind,Date): DE 69012609 T2 950420

SCHWUNGRADANORDNUNG FUER EINEN VERBRENNUNGSMOTOR. (German)

Patent Assignee: ATSUGI UNISIA CORP (JP)

Author (Inventor): KONO SATOSHI (JP); HIDAKA SHIZUAKI (JP);  
TAKAHASHI TETSU (JP)

Priority (No,Kind,Date): JP 8948816 A 890228; JP 8948817 A  
890228

Applic (No,Kind,Date): DE 69012609 A 900228

IPC: \* F16F-015/12; F16D-013/70; F16F-015/30

Derwent WPI Acc No: \* G 90-269723

JAPIO Reference No: \* 140540M000165

Language of Document: German

GERMANY (DE)

Legal Status (No,Type,Date,Code,Text):

DE 69012609	P	941027	DE REF	CORRESPONDS TO (ENTSPRICHT)
			EP 385752 P	941027
DE 69012609	P	950420	DE 8373	TRANSLATION OF PATENT DOCUMENT
				OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN
				PUBLISHED (UEBERSETZUNG DER PATENTSCHRIFT
				DES EUROPÄISCHEN PATENTES IST EINGEGANGEN
				UND VEROEFFENTLICHT WORDEN)
DE 69012609	P	951019	DE 8364	NO OPPOSITION DURING TERM OF
				OPPOSITION (EINSPRUCHSFRIST ABGELAUFEN OHNE
				DASS EINSPRUCH ERHOBEN WURDE)

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 385752 A2 900905

CRANKSHAFT ASSEMBLY FOR INTERNAL COMBUSTION ENGINE (English; French; German)

Patent Assignee: ATSUGI UNISIA CORP (JP)

Author (Inventor): KONO SATOSHI C O ATSUGI UNISIA (JP); HIDAKA SHIZUAKI C O ATSUGI UNI (JP); TAKAHASHI TETSU C O ATSUGI UNI (JP)

Priority (No,Kind,Date): JP 8948816 A 890228; JP 8948817 A 890228

Applic (No,Kind,Date): EP 90302136 A 900228

Designated States: (National) DE; FR; GB

IPC: \* F16F-015/12; F16D-013/70

Derwent WPI Acc No: ; G 90-269723

Language of Document: English

Patent (No,Kind,Date): EP 385752 A3 911002

CRANKSHAFT ASSEMBLY FOR INTERNAL COMBUSTION ENGINE (English; French; German)

Patent Assignee: ATSUGI UNISIA CORP (JP)

Author (Inventor): KONO SATOSHI C O ATSUGI UNISIA (JP); HIDAKA SHIZUAKI C O ATSUGI UNI (JP); TAKAHASHI TETSU C O ATSUGI UNI (JP)

Priority (No,Kind,Date): JP 8948816 A 890228; JP 8948817 A 890228

Applic (No,Kind,Date): EP 90302136 A 900228

Designated States: (National) DE; FR; GB

IPC: \* F16F-015/12; F16D-013/70

Derwent WPI Acc No: \* G 90-269723

JAPIO Reference No: \* 140540M000165

Language of Document: English

Patent (No,Kind,Date): EP 385752 B1 940921

FLYWHEEL ASSEMBLY FOR INTERNAL COMBUSTION ENGINE. (English; French; German)

Patent Assignee: ATSUGI UNISIA CORP (JP)

Author (Inventor): KONO SATOSHI C O UNISIA JECS C (JP); HIDAKA SHIZUAKI C O UNISIA JEC (JP); TAKAHASHI TETSU C O UNISIA JEC (JP)

Priority (No,Kind,Date): JP 8948816 A 890228; JP 8948817 A 890228

Applic (No,Kind,Date): EP 90302136 A 900228

Designated States: (National) DE; FR; GB

IPC: \* F16F-015/12; F16D-013/70; F16F-015/30

Derwent WPI Acc No: \* G 90-269723

JAPIO Reference No: \* 140540M000165

Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):

EP 385752	P	890228	EP AA	PRIORITY (PATENT APPLICATION)
				(PRIORITAET (PATENTANMELDUNG))
			JP 8948816 A	890228
EP 385752	P	890228	EP AA	PRIORITY (PATENT APPLICATION)
				(PRIORITAET (PATENTANMELDUNG))
			JP 8948817 A	890228
EP 385752	P	900228	EP AE	EP-APPLICATION (EUROPÄISCHE
				ANMELDUNG)
			EP 90302136 A	900228
EP 385752	P	900905	EP AK	DESIGNATED CONTRACTING STATES IN
				AN APPLICATION WITHOUT SEARCH REPORT (IN
				EINER ANMELDUNG OHNE RECHERCHENBERICHT
				BENANNTE VERTRAGSSTAATEN)
			DE FR GB	
EP 385752	P	900905	EP A2	PUBLICATION OF APPLICATION
				WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER

EP 385752	P	900905	ANMELDUNG OHNE RECHERCHENBERICHT) P 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 900321
EP 385752	P	911002	EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) DE FR GB
EP 385752	P	911002	EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 385752	P	930818	EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 930706
EP 385752	P	940511	EP RAP1 APPLICANT (CORRECTION) (ANMELDER (KORR.)) UNISIA JECS CORPORATION
EP 385752	P	940921	EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN) DE FR GB
EP 385752	P	940921	EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP 385752	P	941027	EP REF CORRESPONDS TO: (ENTSPRICHT) DE 69012609 P 941027
EP 385752	P	941223	EP ET FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)
EP 385752	P	950913	EP 26N NO OPPOSITION FILED (KEIN EINSPRUCH EINGELEGT)

#### JAPAN (JP)

Patent (No,Kind,Date): JP 2229939 A2 900912  
 FLYWHEEL OF INTERNAL COMBUSTION ENGINE (English)  
 Patent Assignee: ATSUGI UNISIA CORP  
 Author (Inventor): KONO SATOSHI; HIDAKA SHIZUAKI; TAKAHASHI SATORU  
 Priority (No,Kind,Date): JP 8948816 A 890228  
 Applic (No,Kind,Date): JP 8948816 A 890228  
 IPC: \* F16F-015/30  
 JAPIO Reference No: ; 140540M000165  
 Language of Document: Japanese

Patent (No,Kind,Date): JP 2229941 A2 900912  
 FLY WHEEL FOR INTERNAL COMBUSTION ENGINE (English)  
 Patent Assignee: ATSUGI UNISIA CORP  
 Author (Inventor): KONO SATOSHI; HIDAKA SHIZUAKI  
 Priority (No,Kind,Date): JP 8948817 A 890228  
 Applic (No,Kind,Date): JP 8948817 A 890228  
 IPC: \* F16F-015/34  
 JAPIO Reference No: ; 140540M000165  
 Language of Document: Japanese

#### UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5465635 A 951114  
 CRANKSHAFT ASSEMBLY FOR INTERNAL COMBUSTION ENGINE (English)  
 Patent Assignee: ATSUGI UNISIA CORP (JP)  
 Author (Inventor): KONO SATOSHI (JP); HIDAKA SHIZUAKI (JP);  
 TAKAHASHI TETSU (JP)  
 Priority (No,Kind,Date): US 243526 A 940516; JP 8948816 A 890228  
 ; JP 8948817 A 890228; US 485659 B1 900227  
 Applic (No,Kind,Date): US 243526 A 940516  
 National Class: \* 074595000; 074624000; 074572000; 074574000  
 IPC: \* F16C-003/04; G05G-001/00  
 Derwent WPI Acc No: \* G 90-269723  
 JAPIO Reference No: \* 140540M000165  
 Language of Document: English

#### UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 5465635	P	890228	US AA	PRIORITY (PATENT)
			JP 8948816	A 890228
US 5465635	P	890228	US AA	PRIORITY (PATENT)
			JP 8948817	A 890228
US 5465635	P	900227	US AA	PRIORITY
			US 485659	B1 900227
US 5465635	P	940516	US AE	APPLICATION DATA (PATENT)
				(APPL. DATA (PATENT))

US 243526 A 940516  
US 5465635 P 951114 A PATENT  
US 5465635 P 960618 RF REISSUE APPLICATION F D  
(REISSUE APPL. FILED)  
960409

QUESTEL

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CRXX (CLAIMS Current Legal Status)  
Legal Status actions current thru July 13,1999 (1999-27/UP)  
Reassignment data current as of July 09,1999.  
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Search statement 1

?us5465635/pn

Term not in index/PN-LITA : US5465635

LITA	0
CRXX	1
LGST	1
PAST	1

\*\* SS 1 : Results 3

Search statement 2

?prt max 1-3

1/3 CRXX (1/1) - (C) CLAIMS/RRX  
AN - 2661152  
PN - 5,465,635 A 19951114 [US5465635]  
PA - Atsugi Unisia Corp JP  
PT - M (Mechanical)  
ACT - 19960409 REISSUE REQUESTED  
Issue Date of O.G.: 19970618  
Reissue Request Number: 08/629547  
Examination Group responsible for Reissue process: 3502

UP - 1999-00

2/3 LGST (1/1) - (C) LEGSTAT

PN - US 5465635 [US5465635]  
AP - US 243526/94 19940516 [1994US-0243526]  
DT - US-P  
ACT - 19940516 US/AE-A

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APPLICATION DATA (PATENT)  
{US 243526/94 19940516 [1994US-0243526]}  
- 19951114 US/A  
PATENT  
- 19960618 US/RF  
REISSUE APPLICATION FILED  
960409  
UP - 1996-31

3/3 PAST (1/1) - (C) PAST  
AN - 199625-001335  
PN - 5465635 A [US5465635]  
DT - A (UTILITY)  
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